

MarNIS contribution to e-Maritime

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**Maritime Transport Policy: Internal Market, Ports,
Short-Sea Shipping. Inland Waterways
European Commission, DG Transport and Energy**

MarNIS



Objectives

- Improve safety, efficiency of maritime transport and the protection of the environment;
- Improve efficiency and reliability of information flows;
- Propose administrative, organisational and procedural changes;
- Propose new legislation and updates for the existing one.

E-maritime: electronic capabilities for efficient maritime transport information sharing



MarNIS Integrated approach

Maritime Information Management

Port
Traffic
Management

E-maritime

Traffic
measures
at sea

Info services
on board

Systems and technology

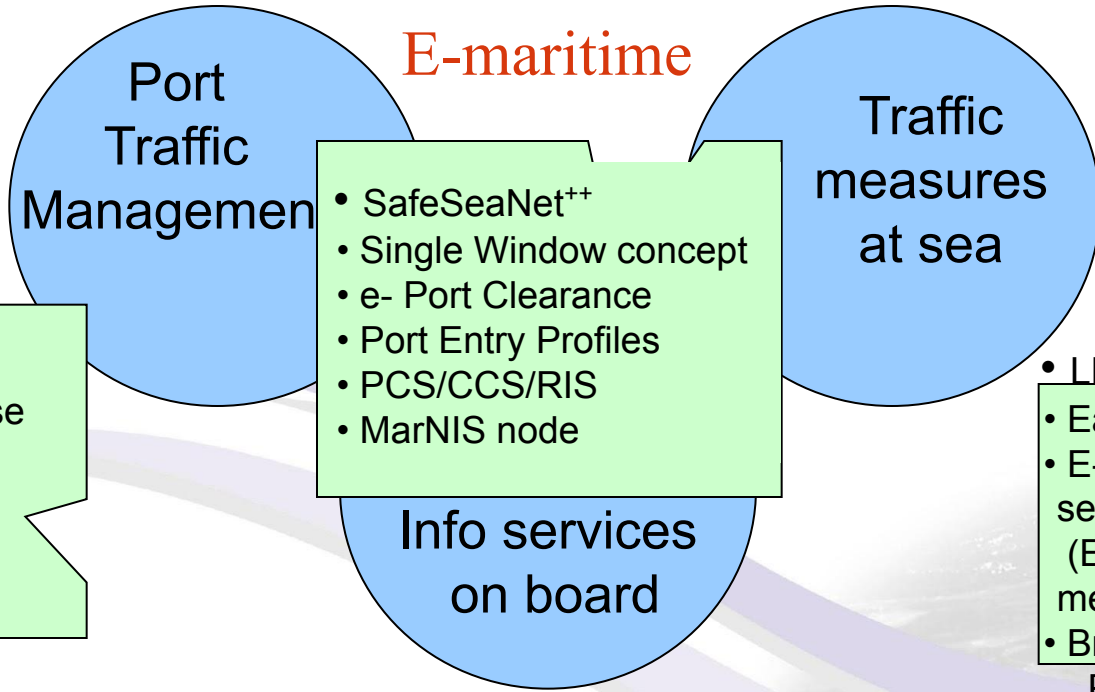


MarNIS Integrated approach

- VTM assessment tools for ports
- Pilot decision support Tools
- Port Resource Planning

Maritime Information Management

- MOS (Maritime Operational Services)
- High Risk Vessels
- Dynamic Maritime Risk Areas

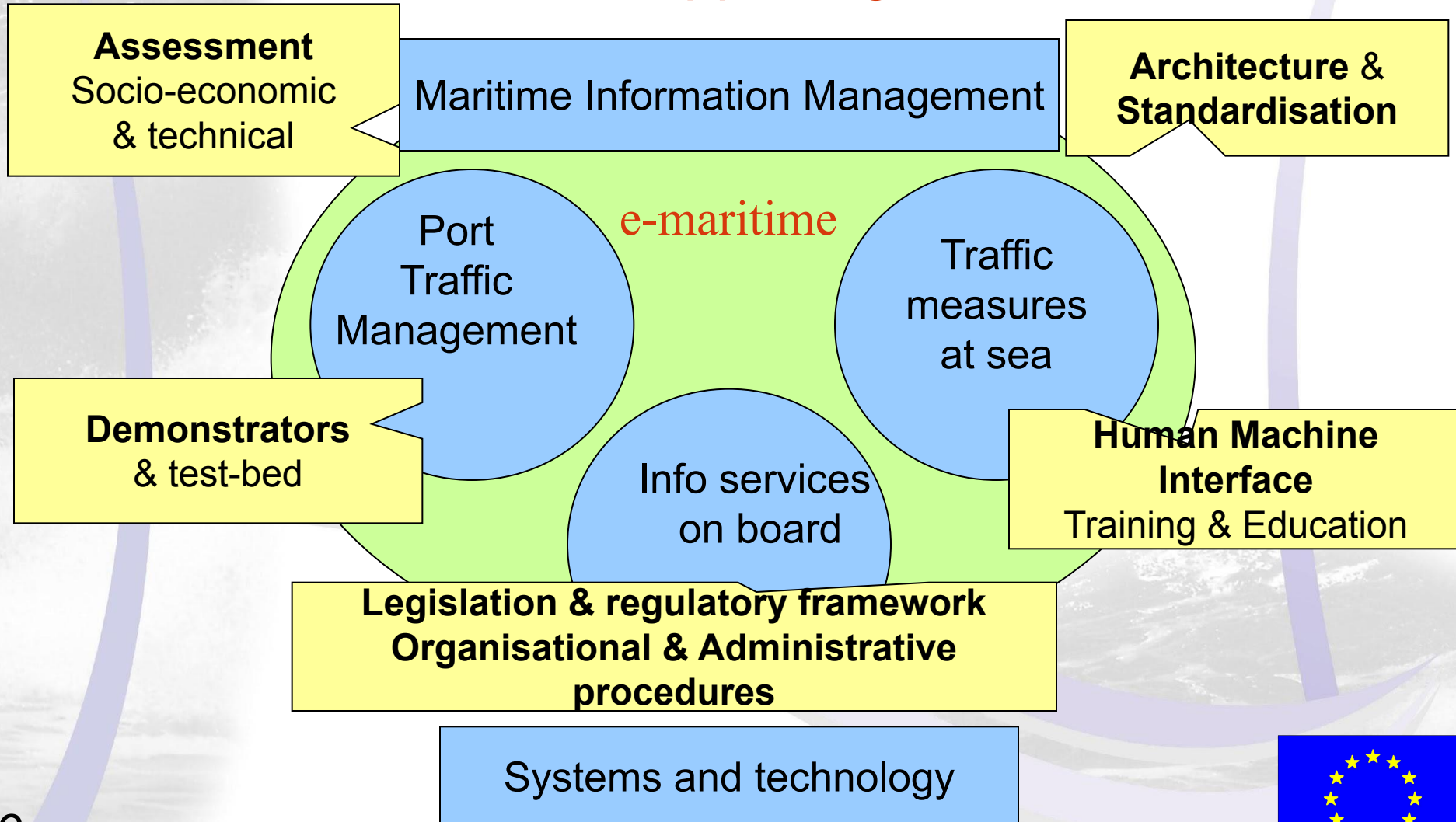


- Voyage planning
- Emergency response on board
- Ship-borne external information flows

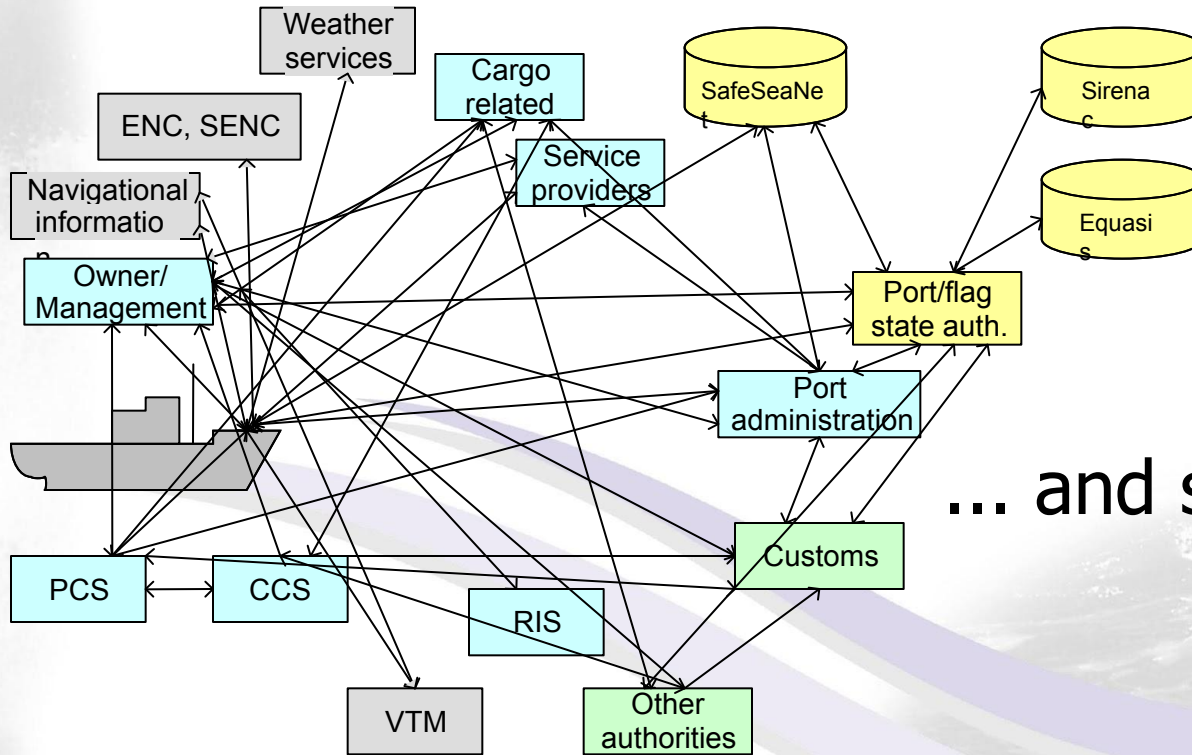
Systems and technology



MarNIS Supporting activities

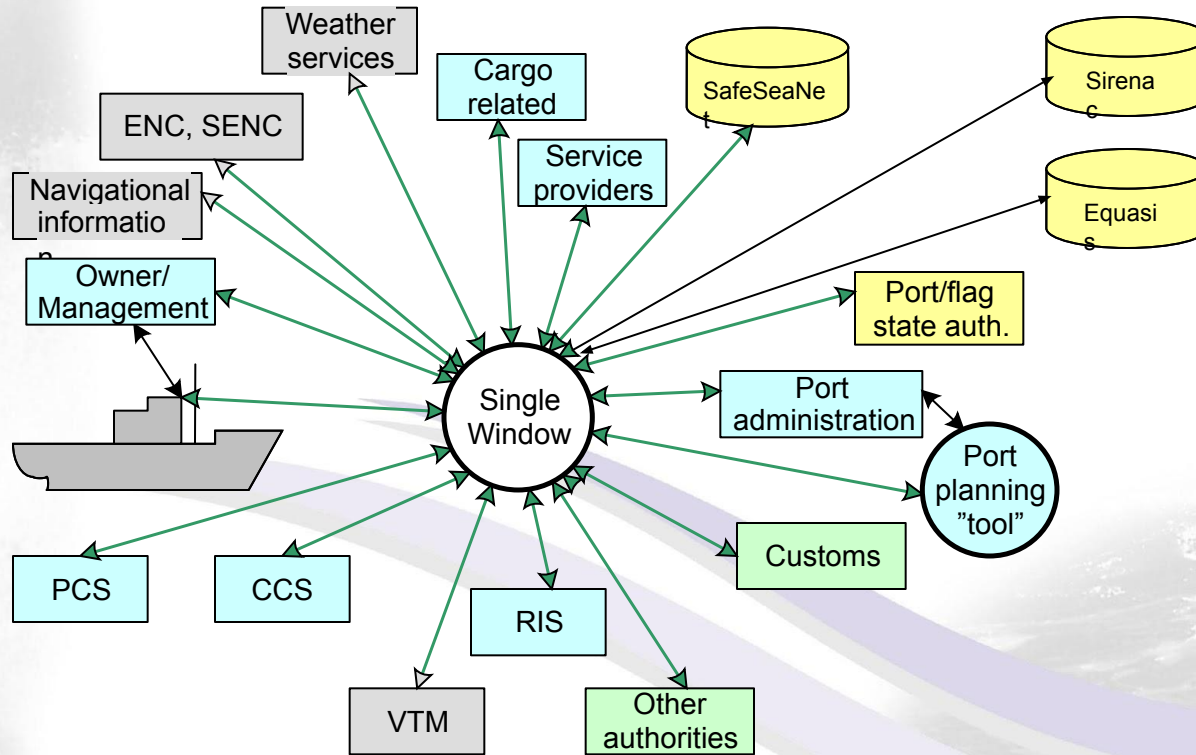


Today's information flow



... and still not all!

Maritime Information Management goals



www.marnis.org

A large ship, possibly a research vessel or a fishing boat, is seen from a distance on the open sea. The ship is silhouetted against a bright, low sun that creates a strong lens flare and a warm, golden glow across the sky and water. The ship's mast and various antennas are visible against the bright light. The water is dark with some whitecaps. In the background, a range of low mountains or hills is visible on the horizon.

Thank you for your attention